



UNITED STATES ENVIRONMENTAL PROTECTION AGENCY
WASHINGTON, DC 20460

OFFICE OF CHEMICAL SAFETY
AND POLLUTION PREVENTION

June 14, 2017

Cristina Griffin
Agent for Univar USA Inc.
c/o Delta Analytical Corp.
12510 Prosperity Drive, Suite 160
Silver Spring, MD 20904

Subject: Label Amendment – Updated storage and disposal language, precautionary statement and other minor label changes
Product Name: Liquichlor 12.5% MUP
EPA Registration Number: 550-201
Application Date: March 3, 2017
Decision Number: 527258

Dear Ms. Griffin:

The amended label referred to above, submitted in connection with registration under the Federal Insecticide, Fungicide and Rodenticide Act, as amended, is acceptable. This approval does not affect any conditions that were previously imposed on this registration. You continue to be subject to existing conditions on your registration and any deadlines connected with them.

A stamped copy of your labeling is enclosed for your records. This labeling supersedes all previously accepted labeling. You must submit one copy of the final printed labeling before you release the product for shipment with the new labeling. In accordance with 40 CFR 152.130(c), you may distribute or sell this product under the previously approved labeling for 18 months from the date of this letter. After 18 months, you may only distribute or sell this product if it bears this new revised labeling or subsequently approved labeling. "To distribute or sell" is defined under FIFRA section 2(gg) and its implementing regulation at 40 CFR 152.3.

Should you wish to add/retain a reference to the company's website on your label, then please be aware that the website becomes labeling under the Federal Insecticide Fungicide and Rodenticide Act and is subject to review by the Agency. If the website is false or misleading, the product would be misbranded and unlawful to sell or distribute under FIFRA section 12(a)(1)(E). 40 CFR 156.10(a)(5) list examples of statements EPA may consider false or misleading. In addition, regardless of whether a website is referenced on your product's label, claims made on the website may not substantially differ from those claims approved through the registration process. Therefore, should the Agency find or if it is brought to our attention that a website contains false or misleading statements or claims substantially differing from the EPA approved registration, the website will be referred to the EPA's Office of Enforcement and Compliance.

Your release for shipment of the product constitutes acceptance of these conditions. If these conditions are not complied with, the registration will be subject to cancellation in accordance

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with FIFRA section 6. If you have any questions, you may contact Donna Kamarei at (703)347-0443 or via email at Kamarei.donna@epa.gov.

Sincerely,

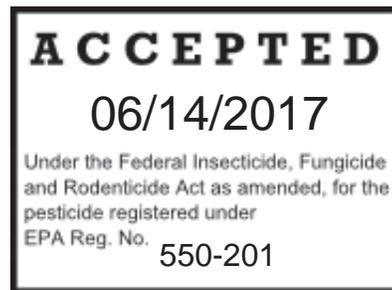
A handwritten signature in black ink, appearing to read 'D. Fuller', with a long horizontal stroke extending to the right.

Demson Fuller, Product Manager 32
Regulatory Management Branch II
Antimicrobials Division (7510P)
Office of Pesticide Programs

Enclosure

LIQUICHLOR 12.5% MUP

ACTIVE INGREDIENT:	
Sodium Hypochlorite.....	12.5%
OTHER INGREDIENTS:.....	87.5%
Total.....	100.0%



KEEP OUT OF REACH OF CHILDREN

DANGER

FIRST AID

IF in Eyes:

- Hold eye open and rinse slowly and gently with water for 15-20 minutes
- Remove contact lenses if present, after the first 5 minutes, then continue rinsing eyes
- Call a poison control center or doctor for treatment advice

If on Skin or clothing:

- Take off contaminated clothing
- Rinse skin immediately with plenty of water for 15-20 minutes
- Call a poison control center or doctor for treatment advice

If Swallowed:

- Call a poison control center or doctor immediately for treatment advice
- Have person sip a glass of water if able to swallow
- Do not induce vomiting unless told to do so by the poison control center or a doctor
- Do not give any thing by mouth to an unconscious person

If Inhaled:

- Move person to fresh air
- If person is not breathing call 911 or an ambulance, then give artificial respiration, preferably by mouth-to-mouth if possible.
- Call a poison control center or doctor for treatment advice

Note to physician: Probable mucosal damage may contraindicate the use of gastric lavage. Have the product container or label with you when calling a poison control center or doctor, or going for treatment.

For additional information, see safety data sheet.

PRECAUTIONARY STATEMENTS

HAZARDS TO HUMANS AND DOMESTIC ANIMALS

DANGER: Corrosive. Causes irreversible eye damage and skin burns. Harmful if swallowed. Do not get in eyes, on skin, or on clothing. Wear safety glasses and rubber gloves when handling this product. Wash thoroughly with soap and water after handling and before eating, drinking, chewing gum, using tobacco, or using the toilet. Avoid breathing vapors. Vacate poorly ventilated areas as soon as possible. Do not return until strong odors have dissipated.

ENVIRONMENTAL HAZARDS

This product is toxic to fish and aquatic organisms. Do not discharge effluent containing this product into lakes, streams, ponds, estuaries, oceans, or other waters unless in accordance with the requirements of a National Pollutant Discharge Elimination System (NPDES) permit and the permitting authority has been notified in writing prior to discharge. Do not discharge effluent containing this product to sewer systems without previously notifying the local sewage treatment plant authority. For guidance contact your State Water Board or Regional Office of the EPA.

PHYSICAL OR CHEMICAL HAZARDS

STRONG OXIDIZING AGENT: Mix only with water according to label directions. Mixing this product with chemicals (e.g. ammonia, acids, detergents, etc.) or organic matter (e.g. urine, feces, etc.) will release chlorine gas which is irritating to eyes, lungs, and mucous membranes.

DIRECTIONS FOR USE

It is a violation of federal law to use this product in a manner inconsistent with its labeling.

NOTE: This product degrades with age, use within one month of receipt. Use a chlorine test kit and increase dosage, as necessary, to obtain the required level of available chlorine.

FOR INSTITUTIONAL AND INDUSTRIAL USE DO NOT STORE IN OR ABOUT DWELLING

FOR MANUFACTURING-USE ONLY IN THE FORMULATION OF END-USE PRODUCTS INTENDED AS:

- Sanitizers of surfaces
- Sanitizers of commercial and household laundry
- Agents to wash or assist in lye peeling of fruits and vegetables
- Agents to help control microorganisms on egg for human consumption
- Sanitizing solutions in processing water in meat and poultry plants, poultry chiller water and meat carcass wash water
- Disinfectants of poultry drinking water
- Disinfectants of human drinking water and drinking water systems
- Disinfectants of swimming pool water , spas and hot tubs, and immersion tanks, or hydrotherapy pools
- Disinfectants of nonporous hard surfaces
- Disinfection of farm premises
- Leafcutting bee cells and bee board disinfection
- Agents to control fungi and mildew on painted/sealed asphalt or wood roofs and siding
- Agents to help control microorganisms in sewage, wastewater, industrial and pulp and paper process water systems
- Algaecides/slimicides in cooling towers or evaporative condensers
- Sanitizers of dialysis machines
- Sanitizers of toilet bowls
- Agents to help control algae and bacteria in fish and lobster ponds/ tanks and conditioning oysters
- Agents to help control slime on boat bottoms
- Agents to sanitize and deodorize artificial sand beaches
- Agents to kill scavenger fish in fish hatchery ponds.

Reformulators and repackagers of this product must obtain their own pesticide registrations from the Environmental Protection Agency.

STORAGE AND DISPOSAL

Do not contaminate food or feed by storage, disposal or cleaning of equipment.

Storage: Store this product in a cool, dry area, away from direct sunlight and heat to avoid deterioration. In case of spill, flood areas with large quantities of water.

Product Disposal: Product or rinsates that cannot be used should be diluted with water before disposal in a sanitary sewer.

Container Handling:

[Nonrefillable Container:]

Nonrefillable Container: Do not reuse or refill this container. Clean container promptly after emptying. Triple Rinse as follows: Fill container $\frac{1}{4}$ full with water. Replace and tighten closures. Tip container on its side and roll it back and forth, ensuring at least one complete revolution, for 30 seconds. Stand the container on its end and tip it back and forth several times. Turn the container over onto its other end and tip it back and forth several times. Follow Pesticide Disposal instructions for rinsate disposal. Repeat this procedure two more times. Offer for recycling if available or reconditioning if appropriate or place in trash.

[Refillable container:]

Refillable container. Refill this container with Sodium Hypochlorite only. Do not reuse this container for any other purpose. Cleaning the container before final disposal is the responsibility of the person disposing of the container. Cleaning the container before refilling is the responsibility of the refiller. To clean the container before final disposal, fill the container about 10% full with water. Agitate vigorously or recirculate water with the pump for two minutes. Follow Pesticide Disposal instructions for rinsate disposal. Repeat procedure two more times. Offer container for recycling if available or reconditioning if appropriate or place in trash.

[Bulk Shipment Transport Vehicle labeling: The following is to be used for bulk shipment transport vehicle labeling. In accordance with 40 CFR 156.140 (e) "Exemption for transport vehicles" transport vehicles are exempt from the requirements to provide refillable or nonrefillable container instructions.]

EMERGENCY RESPONSE

For emergency assistance involving chemicals call CHEMTREC day or night at (800) 424-9300. Chemtrec International Tel#: 703-527-3887. In case of fire: Use water spray, dry chemical or CO₂. Do not use a direct water stream. In case of spill: Wear protective equipment including rubber boots, rubber gloves, rubber apron, chemical goggles, and respiratory protection. Avoid contact with acids.

Manufactured by: [*or Distributed by:*]

Univar USA Inc.
3075 Highland Pkwy., Suite 200
Downers Grove, IL 60515
(425) 889-3400

EPA Reg No.: 550-201

EPA Est. No.:

LOT NO.

NET CONTENTS:

[*Optional graphic:*]



UN1791, HYPOCHLORITE SOLUTIONS, 8, PG III (CONTAINS SODIUM HYPOCHLORITE)
CAS NUMBER: SODIUM HYPOCHLORITE 7681-52-9